

ABSTRACT

A system and method for preparation of meat flavorants, and flavorants, having increased flavor and aromatic intensity and which more closely resemble the natural flavor and aroma of cooked meat. Preheated edible, food grade oils and fats are exposed to temperatures between 290°C and 475°C under vacuum, in the presence of oxygen. The developing flavor vapors are immediately and completely removed from the heated oils and fats. The mixture of air-purge/flavor-vapor is immediately carried away from the heat transfer surface of the edible oil or fat. An evaporator, preferably a spinning disc, spinning band or thin film evaporator, without a condenser is used as process equipment. The air-purged flavor-vapors are diffused and absorbed in an absorption device into suitable food-grade liquids.